

Target Location, Designation and Hand-Off System (TLDHS)

Description

The TLDHS is a modular, man-portable, equipment suite that will provide the ability to quickly acquire targets in day, night, and near-all-weather visibility conditions. Operators will be able to accurately determine their own location as well as targets, digitally transmit (hand-off) data to supporting arms elements, and designate targets for laser-seeking Precision Guided Munitions and Laser Spot Trackers. The TLDHS will be fielded to Forward Observer Teams, Naval Gun Fire Spot Teams, Tactical Air Control Parties, and Reconnaissance Teams.

The TLDHS is composed of two subsystems: the Lightweight Laser Designator Range finder (LLDR), and the Target Hand-Off Subsystem (THS). The LLDR and THS can be used independently or together as the TLDHS to provide target location, designation, and hand-off capability.

Operational Impact

TLDHS provides increased accuracy and timeliness of fire support, improved effects of fires on target for surface and air-delivered munitions, and reduces fire support logistics requirements. It also provides increased operator mobility due to the reduction in size, weight, and modular design over existing systems. TLDHS will reduce the likelihood of fratricide due to improved optics and accurate target location.

Program Status

TLDHS is currently in the Engineering Manufacturing and Development phase.

Procurement Profile: FY01 FY02

<i>Quantity:</i>	<i>53</i>	<i>77</i>
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Developer/Manufacturer

LLDR — Litton Laser Systems, Apopka, FL.

THS Software — Synetics Corporation, King George, VA

